

**TOP SECRET**

Approved For Release 2002/02/27 : CIA-RDP99T01396R000100040000-8

**SUPPLEMENT**

**PHOTOGRAPHIC INTERPRETATION REPORT**



**KH-4 MISSION 1041**

**10 - 23 MAY 1967**

**NUCLEAR, BW/CW, ELECTRONICS,  
URBAN/INDUSTRIAL, AND OTHER EDITION**

TCS-80340/67

JUNE 1967

COPY 202

92 PAGES

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Declass Review by NIMA/DOD

GROUP 1 EXCLUDED FROM  
AUTOMATIC DOWNGRADING  
AND DECLASSIFICATION

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### WARNING

This document contains information affecting the national security of the United States within the meaning of the espionage laws U. S. Code Title 18, Sections 793 and 794. The law prohibits its transmission or the revelation of its contents in any manner to an unauthorized person, as well as its use in any manner prejudicial to the safety or interest of the United States or for the benefit of any foreign government to the detriment of the United States. It is to be seen only by personnel especially indoctrinated and authorized to receive information in the designated control channels. Its security must be maintained in accordance with regulations pertaining to TALENT-KEYHOLE Control System.

## TARGET CATEGORIES

### 1. GUIDED MISSILES \*

- A. ICBM Deployment
- B. IRBM and MRBM (including search areas)
- C. Research and Development (including space)
- D. Production Facilities (including test)
- E. Suspect Missile (Search area or undetermined activity)
- F.
- G. Naval Launched Missiles
- H. Anti-Missile Missile
- I. SAM Sites
- J. Short Range Surface-to-surface Missiles
- K. Missile support/storage areas
- L. SAM Training Complexes

### 2. AIRCRAFT

- A. Long Range Bases
- B. Production Facilities (including R and D)
- C. Airfields

### 3. NUCLEAR ENERGY

- A. Test Area
- B. Production
- C. Stockpiles
- D. Research Institutes
- E. Suspect Activity

### 4. NAVAL ACTIVITY

- A. Operating Bases
- B. Production Yards
- C. Commercial Ports
- D. Locks and Canals

### 5. BIOLOGICAL/CHEMICAL WARFARE

- A. BW/CW Test Areas (including test)
- B. Production
- C. Storage
- D. Research Institutes
- E. Suspect Activity

### 6. ELECTRONICS

- A. Missile Tracking Facilities
- B. Electronics (general)

### 7. MILITARY

- A. Military Installations
- B. Special Areas
- C.
- D. Landing Beaches
- E.
- F.
- G. Tactical SSM Support Facilities

### 8. URBAN/INDUSTRIAL

- A. Complexes
- B. Industrial Plants
- C. Geodetic Control Points

### 9. OTHER

- A. Unidentified Installations

\* Digits in these numbers indicate specific target complexes. A suffix identifies individual components within the complex.

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### PREFACE

THIS EDITION OF THE OAK SUPPLEMENT FOR MISSION 1041 REPORTS ON THE NUCLEAR, BW/CW, ELECTRONICS, URBAN/INDUSTRIAL, AND OTHER TARGETS NOT INCLUDED IN THE OAK REPORTS. MISSILE TARGETS ARE REPORTED IN TCS-80337, AIRCRAFT AND NAVAL TARGETS ARE REPORTED IN TCS-80338, AND MILITARY TARGETS ARE REPORTED IN TCS-80339/67.

THIS REPORT ALSO CONTAINS NON-COMOR TARGETS REFLECTING SIGNIFICANT CHANGE, TARGETS WITH SIGNIFICANT ORDER OF BATTLE (OB) INFORMATION, AND TARGETS WHICH ARE NEWLY IDENTIFIED OR KNOWN BUT REPORTED FOR THE FIRST TIME BY NPIC.

TARGETS ARE ARRANGED BY SUBJECT AND WITHIN EACH SUBJECT BY COMOR TARGET NUMBER. PREVIOUSLY REPORTED NON-COMOR TARGETS ARE LISTED UNDER THE APPROPRIATE SUBJECT AFTER THE LISTING OF COMOR TARGETS. NEWLY REPORTED TARGETS ARE DESIGNATED AS BONUS TARGETS AND ARE LISTED AFTER THE NON-COMOR TARGETS. LOCATIONS OF TARGETS IN THIS REPORT ARE INDICATED BY THE COUNTRY CODE AND THE COORDINATES. AN ALPHABETIC LISTING OF COUNTRY CODES IS INCLUDED ON THE INSIDE OF THE BACK COVER.

SELECTED PHOTOGRAPHIC REFERENCES FOR EACH TARGET FOLLOW THE DESCRIPTION OF THE TARGET. PASS NUMBERS, SUFFIXED WITH A FOR ASCENDING AND D FOR DESCENDING, ARE LISTED FIRST, FOLLOWED BY THE FRAME NUMBERS. SYMBOLS FOR LIMITING CONDITIONS AFFECTING PHOTOGRAPHY ARE C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), S (SNOW), O (OBLIQUITY), SD (SEMI DARKNESS), D (DARKNESS), GC (GROUND COVER), CF (CAMOUFLAGE), AND GR (GROUND RESOLUTION). INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G (GOOD), F (FAIR), OR P (POOR). THE EXTENT OF PHOTOGRAPHIC COVERAGE IS DENOTED BY THE SYMBOLS T (TOTAL) OR PT (PARTIAL). THE MODE OF COVERAGE IS INDICATED BY ST (STEREO), PS (PARTIAL STEREO), OR NS (NON-STEREO).

RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF PHOTOGRAPHY IS ACCOMPLISHED IN A SHORT TIME AND PRIOR TO FINAL REFINEMENT OF EPHEMERIS DATA. CONSEQUENTLY, FUTURE ANALYSIS MAY RESULT IN MINOR ALTERATIONS. MOREOVER, RECIPIENTS ARE CAUTIONED THAT THE IDENTIFICATION OF TARGETS IS BASED PRIMARILY ON PHOTOGRAPHY AND DOES NOT CONSTITUTE A FINISHED INTELLIGENCE JUDGMENT.

AN INDEX TO ALL TARGETS IN THIS SUPPLEMENT IS INCLUDED IN THIS EDITION.

## **Highlights**

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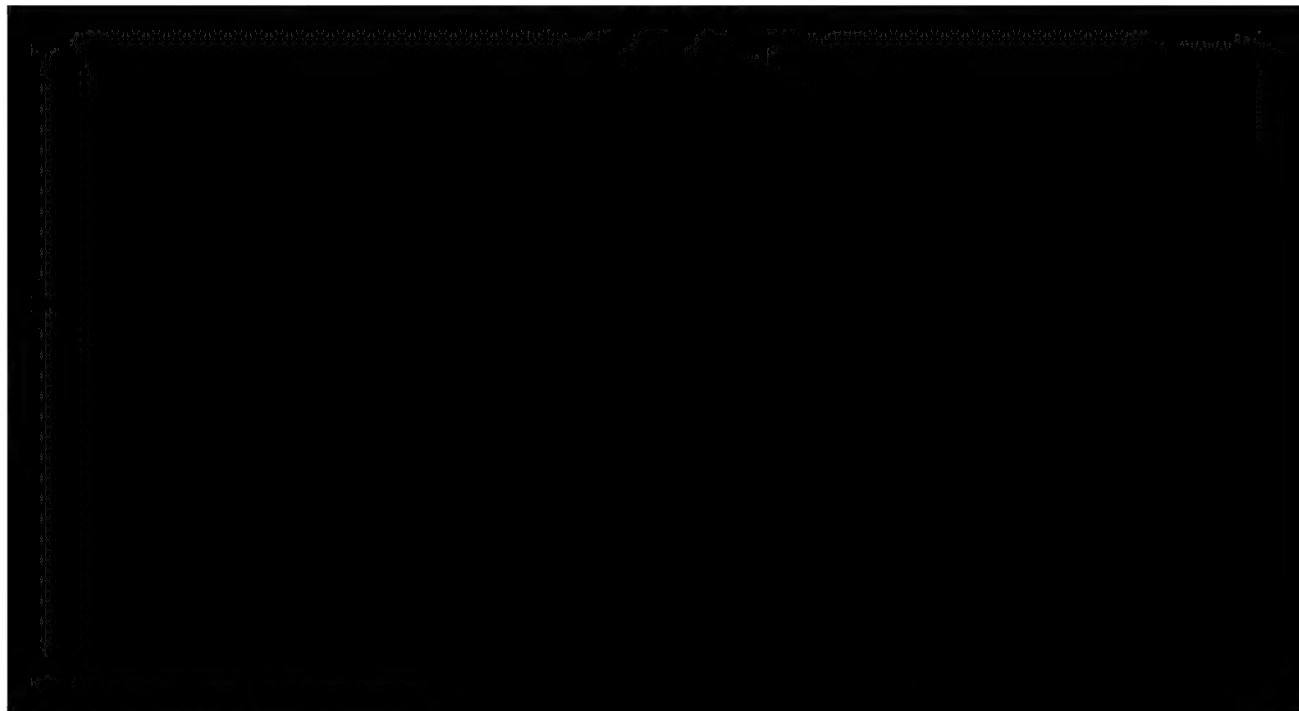
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HIGHLIGHTS



ELECTRONIC ACTIVITY

THE NORTHERNMOST PAIR OF BUILDINGS AT THE MOSKVA/SHCHELKOVO  
ESV TRACKING FACILITY IS NOW DETERMINED TO BE FOR SATELLITE  
COMMUNICATIONS PURPOSES.

A POSSIBLE AIR WARNING RADAR FACILITY ASSOCIATED WITH THE  
PLESETSK PROBABLE LONG RANGE SAM LAUNCH COMPLEX IS NEWLY  
IDENTIFIED 5 NM SOUTH OF THE COMPLEX.

THE FACILITY UNDER CONSTRUCTION 0.5 NM NORTH OF THE AIR  
WARNING RADARS AT THE MOSKVA/CHEREPOVETS TALL KING-AW  
RADAR FACILITY, PREVIOUSLY REPORTED [REDACTED]  
[REDACTED] IS NOW IDENTIFIED AS A BEER CAN RADAR PLATFORM  
APPROXIMATELY 135 FT IN DIAMETER.

STATUS OF TARGET READOUT

THIS SUPPLEMENT REPORTS ON 280 COMOR TARGETS, 15 NON-COMOR  
TARGETS, AND 18 BONUS TARGETS.

## **Nuclear Energy**

25X2

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**Biological/  
Chemical  
Warfare**

25X2

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**Electronics/  
Communications**

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ELECTRONICS/COMMUNICATIONS.

25X1A

LAPICHI HF LINEAR ARRAY & RADIO RELAY FAC UR 5325N 02831E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

TYURATAM TRACKING FACILITY 29

UR 4617N 06452E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

NARO-FOMINSK PROB ABM PHASED-ARRAY RADAR UR 5529N 03641E

OPERATIONS AREA A -- THE PROBABLE ENVIRONMENTAL COATING  
BEING INSTALLED ON THE SSE SIDE OF THE ANTENNA NOW  
COVERS APPROXIMATELY THE UPPER HALF OF THE FACE.

25X1D

25X1D

OPERATIONS AREA B -- THE TREE REMOVAL IN FRONT OF THE  
NNW ANTENNA STRUCTURE, WHICH PROBABLY BEGAN

APPEARS TO BE CONTINUING IN THE AREA  
OUTSIDE THE DOUBLE SECURITY FENCE. HOWEVER, THE TREE  
LINES ALONG THE NE AND SW SIDES OF THE AREA APPEAR TO  
BE IN THE SAME POSITION THE GROUND  
BETWEEN THE ANTENNA STRUCTURE AND THE FENCE LINE  
APPEARS TO HAVE BEEN GRADED, PERHAPS

25X1D

NO ADDITIONAL DETAILS ARE DISCERNIBLE ON THE NNW  
ANTENNA STRUCTURE ITSELF. THE FACE OF THE SSE ANTENNA  
STRUCTURE APPEARS TO BE DIVIDED INTO 2 DARK-TONED  
AREAS.

25X1D

25X1D

NO SIGNIFICANT CHANGE IS APPARENT IN THE CLOUD-FREE  
PORTIONS OF SUPPORT AREA A. CONSTRUCTION IS CONTINUING  
ON 3 NEW MULTISTORY APARTMENT-TYPE BUILDINGS IN THE  
NORTHERN PORTION OF SUPPORT AREA B. SEVENTEEN  
BUILDINGS OF THIS TYPE ARE NOW EITHER COMPLETE OR UNDER  
CONSTRUCTION.

25X1D

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25X1D



25X1A

LENINGRAD NW AIR WARNING RADAR FACILITY UR 6014N 02944E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



GOLITSYNO HF COMMUNICATIONS FACILITY UR 5535N 03702E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



SERPUKHOV RADIOASTRONOMY FACILITY UR 5449N 03737E

NEW EARTH SCARRING IS APPARENT NW OF THE SUPPORT  
FACILITY. NO OTHER CHANGE OBSERVED.

25X1D



TYSP-NAVOLOK GM RADAR FACILITY SEARCH UR 6945N 03305E

NO BUILDINGS, ANTENNAS, OTHER STRUCTURES, MOBILE  
EQUIPMENT, OR CONSTRUCTION OBSERVED IN CLOUD-FREE  
AREAS.

25X1D



PUMMANKI PROBABLE COASTAL DEFENSE FAC UR 6946N 03145E

NO SIGNIFICANT CHANGE OBSERVED.

25X1D



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25X1A

GALENKI ESV TRACKING FACILITIES

UR 4401N 13145E

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

25X1D

VINNITSA SUSPECT SPACE TRACKING FACILITY

UR 4913N 02846E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

TALLINN ELECTRONICS FACILITY

UR 5926N 02458E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

TYURATAM TRACKING FACILITY

UR 4542N 06318E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

PODOLSK HF COMMUNICATIONS FAC KLIMOVSK

UR 5522N 03727E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

ODESSA HF COMMUNICATIONS FACILITY

UR 4626N 03030E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

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25X1A

SARY-SHAGAN ASAT/SPACE TRACKING RADAR FAC UR 4636N 07431E

25X1D

HEN HOUSE A -- NO APPARENT CHANGE OBSERVED

25X1D

25X1D

HEN HOUSE B -- NO APPARENT CHANGE IS OBSERVED AT THE  
LEFT ANTENNA STRUCTURE  
AT THE RIGHT ANTENNA STRUCTURE, ALL OF THE PREVIOUSLY  
HORIZONTAL SECTIONS ARE NOW RAISED IN A V-LIKE TROUGH  
WITH AN ANTENNA COVERING/ANTENNA FACE IN PLACE OVER  
THEM.

25X1D

HEN HOUSE C -- NO APPARENT CHANGE IS OBSERVED AT THE  
RIGHT STRUCTURE  
APPARENT CHANGE IS OBSERVED AT THE LEFT REAR STRUCTURE  
AT THE LEFT FRONT STRUCTURE, 19  
SECTIONS (APPROXIMATELY 60 X 40 FT EACH) ARE IN PLACE  
HORIZONTALLY OVER THE SUPERSTRUCTURE. HOWEVER, THE ONE  
SECTION MISSING  
ANOTHER SECTION NEAR THE CENTER HAS BEEN REMOVED

25X1D

25X1D

25X1D

25X1D

HEN HOUSE D -- AN UNIDENTIFIED GROUND SCAR (PROBABLY A  
DITCH) OBSERVED TO THE REAR OF THE RIGHT ANTENNA  
STRUCTURE IS NEW  
THE UNIDENTIFIED  
SCAR EXTENDS FOR APPROXIMATELY ONE-THIRD OF THE LENGTH  
OF THE STRUCTURE EMANATING FROM THE RIGHT TERMINAL  
BUILDING.

25X1D

TRIAD AND SUPPORT AREAS -- NO APPARENT CHANGE OBSERVED

25X1D

(THE FACILITY WAS PREVIOUSLY REPORTED AS SARY-SHAGAN  
SITE 13.)

25X1A

MISHELEVKA ASAT/SPACE TRACKING RADAR FAC UR 5252N 10315E

25X1D

HEN HOUSE A -- NO APPARENT CHANGE IS OBSERVED

25X1D

25X1D

25X1D

HEN HOUSE B -- NO APPARENT CHANGE IS OBSERVED  
AT THE LEFT ANTENNA STRUCTURE. AT THE  
RIGHT ANTENNA STRUCTURE, THE CENTRAL CONDUIT (FEED  
STRUCTURE) APPEARS COMPLETE AND THE SUPERSTRUCTURE  
ALONG BOTH SIDES OF THE CENTRAL CONDUIT APPEARS TO HAVE

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25X1D

BEEN ERECTED [REDACTED] TWENTY-ONE SECTIONS  
(APPROXIMATELY 60 X 40 FT EACH) ARE ON THE GROUND  
ALONGSIDE THE STRUCTURE.

25X1D

HEN HOUSE C -- THE CENTRAL CONDUITS (FEED STRUCTURES)  
WHICH WERE PROBABLY COMPLETE [REDACTED]  
NOW APPEAR TO BE UNDERGOING MODIFICATIONS, BUT SMALL  
SCALE PRECLUDES DETAILED INTERPRETATION. ERECTION OF  
THE SUPERSTRUCTURE IS IN PROGRESS ALONG VARIOUS  
SECTIONS OF THE RIGHT FRONT STRUCTURE AND LEFT REAR  
STRUCTURE.

25X1D

25X1D

HEN HOUSE D -- NO APPARENT CHANGE IS OBSERVED [REDACTED]

25X1A

OLENEGORSK DUAL HEN HOUSE

UR 6806N 03355E

NO SIGNIFICANT CHANGE OBSERVED.

25X1D

SKRUNDA DUAL HEN HOUSE

UR 5642N 02157E

NO SIGNIFICANT CHANGE OBSERVED.

25X1D

MOSKVA/SHCHELKOV ESV TRACKING FACILITIES UR 5556N 03758E

25X1B

THE SITE HAS PREVIOUSLY BEEN REPORTED AS CONTAINING 2  
ESV TRACKING FACILITIES. [REDACTED]

SITUATED WEST OF AN IMAGINARY LINE BETWEEN THE 2  
MOLNIYA BUILDINGS IS CONSTRUCTION ACTIVITY CONSISTING  
OF A BUILDING WITH A CENTRALLY LOCATED PEDESTAL.  
HOWEVER, NO ANTENNA IS APPARENT. NO APPARENT CHANGE IS  
OBSERVED IN THE 2 SMALLER ESV BUILDINGS OR THE THIRD  
DOME ON OR NEAR GROUND LEVEL. EAST OF THE THIRD DOME,  
HOWEVER, A SMALLER DOME OF UNIDENTIFIED PURPOSE HAS  
BEEN ADDED IN THE OPERATIONS AREA. ONE ADDITIONAL

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STRUCTURE, CONSISTING OF A RECTANGULAR CLEARED AREA WITH A BUILDING WITH A PROBABLE PEDESTAL, HAS BEEN ADDED SOUTH OF THE ESV AND MOLNIYA BUILDINGS.

25X1D



25X1A

GORKIY/SORMOVO RADAR ASBLY & TEST AREA UR 5619N 04347E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



SHUANG-CHENG-TZU POSS DN RGE INSTR SITE CH 4125N 08925E

NO INSTRUMENTATION SITE OBSERVED WITHIN 10 NM OF THE REFERENCED COORDINATES.

25X1D



EMBA TRACKING FACILITY 6 UR 4812N 05815E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



MYTISHCHI ELECTRONIC RESEARCH COMPLEX UR 5555N 03744E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



PERKHUSHKOVO POSSIBLE ROCKET FORCES HQ UR 5541N 03712E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

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25X1A

MOSKVA RADAR PLANT KUNTSEVO 304

UR 5542N 03726E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



YOSHKAR-OLA OPTICAL PLANT KAGANOVICH 297

UR 5638N 04752E

NO SIGNIFICANT CHANGE OBSERVED.

25X1D



MOSKVA OPT INSTR PLT GEOFIZIKA PRISMA 589

UR 5547N 03741E

SECURED FACILITY COVERING APPROXIMATELY 10 ACRES  
CONSISTS OF A BOILERHOUSE, A C-SHAPED ADMINISTRATION  
BUILDING, AND 8 BUILDINGS OF UNIDENTIFIED FUNCTION. NO  
RADAR/INSTRUMENTATION EQUIPMENT OBSERVED.

25X1D



RZHEV AIR DEFENSE HQ RADAR FACILITY

UR 5617N 03418E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



SAMBOR FIGHTER DIVISION HQ

UR 4932N 02320E

NO BUILDINGS, ANTENNAS, OTHER EQUIPMENT, OR  
CONSTRUCTION ACTIVITY IDENTIFIED IN THE CLOUD-FREE  
AREAS IN THE VICINITY OF THE REFERENCED COORDINATES.

25X1D



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25X1A

TAPA AIR DEFENSE HQ RADAR FACILITY

UR 5916N 02601E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

YAROSLAVL AIR DEFENSE HEADQUARTERS SEARCH UR 5742N 03946E

FACILITY LOCATED WITHIN THE SEARCH AREA IS REPORTED  
UNDER YAROSLAVL TALL KING-AD HQ RADAR FACILITY.

25X1A

25X1A

25X1D

NARVA H-SHAPED AIR WARNING RADAR FAC

UR 5943N 02829E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

JOHVI AIR WARNING RADAR FACILITY

UR 5922N 02721E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

KERSTOVO AIR WARNING RADAR FACILITY

UR 5928N 02849E

NO SIGNIFICANT CHANGE OBSERVED.

25X1D

KAMYSHIN AIR WARNING RADAR FACILITY

UR 5003N 04516E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
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25X1D

25X1A

25X6

STOROZHNO AIR WARNING RADAR FACILITY UR 6031N 03237E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

TOLMACHEVO H-SHAPED AIR WARNING RADAR FAC UR 5852N 02956E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

SARY-SHAGAN R&D RADAR FACILITY 1 UR 4600N 07339E

25X1D

25X1D

NO SIGNIFICANT CHANGE IS OBSERVED IN FACILITIES  
WORK APPEARS TO BE IN  
PROGRESS ON THE ROOF OF THE ANTENNA BUILDING. THE  
ANTENNA FACE IS DARK TONED.

(THIS FACILITY WAS FORMERLY REPORTED AS SARY-SHAGAN HEN  
HOUSE ANTENNA RADAR SITE 1.)

25X1D

SARY-SHAGAN R&D RADAR FACILITY 2 UR 4556N 07338E

NO SIGNIFICANT CHANGE IS OBSERVED IN THE SUPPORT AREA.  
THE STATUS OF THE NEW RADAR SCREENS PREVIOUSLY OBSERVED  
UNDER CONSTRUCTION AT HEN ROOST ANTENNA NORTH AND HEN  
ROOST ANTENNA SOUTH CANNOT BE DETERMINED.

THIS FACILITY WAS FORMERLY REPORTED AS SARY-SHAGAN HEN

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ROOST ANTENNAS RADAR SITE 2.

25X1D



25X1A

SARY-SHAGAN COMMUNICATIONS FAC 3 (HF) UR 4601N 07207E

(THIS FACILITY WAS FORMERLY REPORTED AS COMMUNICATIONS  
SITE 3.)

NO SIGNIFICANT CHANGE OBSERVED.

25X1D



SARY-SHAGAN TRACKING FACILITY 11 UR 4641N 07238E

(THIS FACILITY WAS FORMERLY REPORTED AS INSTRUMENTATION  
SITE 11.)

NO SIGNIFICANT CHANGE OBSERVED.

25X1D



SARY-SHAGAN TRACKING FACILITY 2 UR 4548N 07335E

(THIS FACILITY WAS FORMERLY REPORTED AS INSTRUMENTATION  
SITE 2.)

NO SIGNIFICANT CHANGE OBSERVED.

25X1D



SARY-SHAGAN TRACKING FACILITY 3 UR 4538N 07236E

(THIS FACILITY WAS FORMERLY REPORTED AS INSTRUMENTATION  
SITE 3.)

NO SIGNIFICANT CHANGE OBSERVED.

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25X1D



25X1A

SARY-SHAGAN TRACKING FACILITY 4

UR 4557N 07213E

(THIS FACILITY WAS FORMERLY REPORTED AS INSTRUMENTATION  
SITE 4.)

NO SIGNIFICANT CHANGE OBSERVED.

25X1D



SARY-SHAGAN TRACKING FACILITY 5

UR 4554N 07120E

(THIS FACILITY WAS FORMERLY REPORTED AS INSTRUMENTATION  
SITE 5.)

NO SIGNIFICANT CHANGE OBSERVED.

25X1D



SARY-SHAGAN TRACKING FACILITY 7

UR 4636N 07050E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



SARY-SHAGAN TRACKING FACILITY 8

UR 4655N 07050E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



SARY-SHAGAN TRACKING FACILITY 9

UR 4653N 07152E

(THIS FACILITY WAS FORMERLY REPORTED AS INSTRUMENTATION  
SITE 9.)

Handle Via  
TALENT-KEYHOLE  
Control System Only

# TOP SECRET CHESS RUFF

Approved For Release 2002/02/27 : CIA-RDP99T01396R000100400001-8

KH-4 MISSION 1041, 10-23 MAY 1967

TCS-80340/67

NO SIGNIFICANT CHANGE OBSERVED.

25X1D



25X1A

SARY-SHAGAN TRACKING FACILITY 10

UR 4657N 07232E

NO SIGNIFICANT CHANGE OBSERVED.

25X1D



SARY-SHAGAN TRACKING FACILITY 12

UR 4624N 07234E

(THIS FACILITY WAS FORMERLY REPORTED AS INSTRUMENTATION  
SITE 12.)

NO SIGNIFICANT CHANGE OBSERVED.

25X1D



SARY-SHAGAN TRACKING FACILITY 6

UR 4614N 07055E

NO SIGNIFICANT CHANGE OBSERVED.

25X1D



LENINGRAD SW AIR WARNING RADAR FACILITY

UR 5944N 02934E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



KAPUSTIN YAR 2000 NM IMPACT AREA

UR 5700N 10040E

SMALL SCALE PRECLUDES IDENTIFICATION OF CRATERS OR  
POSITIVE IDENTIFICATION OF ANY IMPACT AREA.

25X1D



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TALENT-KEYHOLE  
Control System Only

TOP SECRET CHESS RUFF

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KH-4 MISSION 1041, 10-23 MAY 1967

25X1D



25X1A

KIROVABAD TALL KING-AW RADAR FACILITY . UR 3720N 06857E

THE PREVIOUSLY IDENTIFIED SINGLE TALL KING FACILITY 11 NM NW OF KIROVABAD IS NOW A DUAL FACILITY. THE NEWLY IDENTIFIED AREA IS IMMEDIATELY EAST OF THE PREVIOUSLY REPORTED TALL KING AND CONSISTS OF 1 ANTENNA BUILDING, 1 TALL KING ANTENNA, 1 SUPPORT BUILDING, SEVERAL OTHER SMALL BUILDINGS, AND AN OCCUPIED RADAR MOUND.

25X1D



LUTSK SRF PROB REGIONAL HQ FACILITY UR 5043N 02531E

NO CHANGE OBSERVED IN PRESENT SRF FACILITY. HOWEVER, A NEW RECTANGULAR AREA LOCATED IMMEDIATELY NORTH OF THE TRIPLE-SECTION BUNKER IS BEING CLEARED.

25X1D



MOZYR HF COMMUNICATIONS FACILITY UR 5205N 02906E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



SIAULIAI SRF PROB REGIONAL HQ FACILITY UR 5600N 02318E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



ELBAN VLF COMMUNICATIONS FACILITY UR 5004N 13637E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D





KH-4 MISSION 1041, 10-23 MAY 1967

25X1A

ZHEMKOVKA VLF COMMUNICATIONS FACILITY

UR 5317N 04807E

ONE OF THE 5 TOWERS COMPRISING THE PERIMETER OF THE VLF ANTENNA HAS BEEN REMOVED, INDICATING THE POSSIBILITY OF EVENTUAL TOTAL DISMANTLING OF THE ANTENNA.

25X1D

SLONIM VLF COMMUNICATIONS FACILITY

UR 5308N 02523E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

JONAVA SRF COMMUNICATIONS FACILITY

UR 5500N 02416E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

BELOKOROVICHI HF COMMUNICATIONS FACILITY

UR 5107N 02759E

THE FACILITY CONSISTS OF 2 SEPARATE AREAS, ONE CONTAINING A CONTROL BUNKER AND SEVERAL COMMUNICATION ANTENNAS AND THE OTHER CONTAINING A TRIPLE-SECTIONED PROBABLE COMMAND BUNKER. ANTENNAS AT THE COMMUNICATIONS AREA INCLUDE A POSSIBLE HARDENED (SUBSURFACE) ANTENNA, 2 HF RHOMBIC ANTENNAS, 2 HORIZONTAL DIPOLES, AND 2 VEE ANTENNAS.

25X1D

MOSKVA/CHEREPOVETS TALL KING-AW RADAR FAC UR 5919N 03758E

25X1D

25X1D

THE FACILITY UNDER CONSTRUCTION AT 59-18-20N 037-58-50E, APPROXIMATELY 0.5 NM NORTH OF THE AIR WARNING RADARS, PREVIOUSLY REPORTED [REDACTED] IS NOW IDENTIFIED AS A BEER CAN RADAR PLATFORM APPROXIMATELY 135 FT IN DIAMETER. THE CENTRAL PEDESTAL FOR THE RADAR MOUNT IS VISIBLE, BUT THE RADAR ANTENNA PROBABLY IS NOT PRESENT. A LARGE RECTANGULAR BUILDING, AT THE BASE OF THE CIRCULAR PLATFORM, AND A SMALL SUPPORT BUILDING ARE PRESENT WITHIN THE CLEARED

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AREA. NO APPARENT CHANGE IS OBSERVED IN THE TALL KING  
AIR WARNING RADARS OR COMMUNICATION FACILITIES.

(SEE ATTACHMENT)

25X1D



25X1A

GORKIY COMMO EQP PLT LENIN 197 FRUNZE 326 UR 5615N 04358E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



KRASNOARMEYSKAYA VLF COMMUNICATIONS FAC UR 4524N 03809E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



ZNAMENSK SRF PROB REGIONAL HQ FACILITY UR 5435N 02114E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



PRUZHANY SRF PROB REGIONAL HQ FACILITY UR 5235N 02432E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



A-WA-TI SUSPECT RADAR ACTIVITY CH 4035N 08055E

THE ENTIRE SEARCH AREA IS COVERED ON CLOUD-FREE  
PHOTOGRAPHY OF POOR INTERPRETABILITY. NO ELECTRONIC OR

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Control System Only

TOP SECRET CHESS RUFF

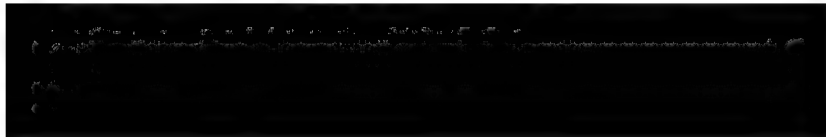
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RADAR FACILITIES OBSERVED.

25X1D



25X1A

PENZA HF COMMUNICATIONS FACILITY

UR 5309N 04518E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



GORKIY R & D ELECTRONICS FACILITY

UR 5617N 04345E

A NEWLY CLEARED AREA BETWEEN THE LARGE  
ELLIPSOIDAL/PARABOLIC REFLECTORS SUGGESTS PROBABLE  
ADDITIONAL CONSTRUCTION.

25X1D



VOLOKOLAMSK TROPOSCATTER FACILITY

UR 5300N 03604E

APPROXIMATELY 30 PERCENT OF THE SEARCH AREA IS COVERED  
ON CLOUD-FREE PHOTOGRAPHY. NO TROPOSCATTER FACILITY  
OBSERVED.

25X1D



WU-LU-MU-CHI RADIO COMMO STATION 3

CH 4357N 08714E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



LOP NOR SUSP COMMUNICATIONS FACILITIES 4 CH 4051N 08921E

NO MICROWAVE OR OTHER COMMUNICATION FACILITIES  
OBSERVED.

Handle Via  
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TOP SECRET CHESS RUFF

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25X1D



25X1A

SO-KUO-NO-ERH RADAR SEARCH AREA

MG 4236N 10117E

NO RADAR OBSERVED.

25X1D



BELGER HAAN SUMA RADAR SEARCH AREA

MG 4648N 10416E

NO RADAR OR ELECTRONIC FACILITY OBSERVED.

25X1D



KURGAN-TYUBE HF COMMUNICATIONS FACILITY

UR 3733N 06848E

A NEW HF LINEAR ARRAY HAS BEEN IDENTIFIED, BRINGING TO 3 THE NUMBER OF LINEAR ARRAYS AT THIS FACILITY. THIS IS PRESENTLY THE ONLY FACILITY OF THIS TYPE WHICH CONTAINS MORE THAN 2 ARRAYS OF THIS TYPE. THE NEW ARRAY IS IN EARLY STAGES OF CONSTRUCTION, WITH ONLY THE TOWER FOUNDATION AND A SECOND CONTROL AREA NEARLY VISIBLE. WHEN COMPLETE, IT WILL CONTAIN APPROXIMATELY 27 IN-LINE TOWERS HAVING A TOTAL LENGTH OF APPROXIMATELY 1,000 FT AND AN ORIENTATION OF APPROXIMATELY 5000 UTILIZING THE END-FIRE AZIMUTH 5000 THIS ARRAY COULD BE SUITABLE TO PROPAGATE INTO THE SE ASIA AREA.

25X1D

25X1D

(SEE ATTACHMENT)

25X1D



KOMSOMOLSK HF COMMUNICATIONS FACILITY

UR 5036N 13656E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



Handle Via  
Talent-Keyhole  
Control System Only

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25X1A

SARY-SHAGAN MICROWAVE FACILITY

UR 4601N 07342E

NO SIGNIFICANT CHANGE OBSERVED.



SARY-SHAGAN COMMUNICATIONS FAC 6 (MW)

UR 4603N 07321E

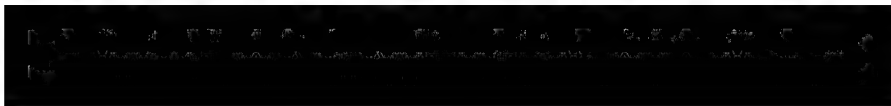
NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.



SARY-SHAGAN MICROWAVE FACILITY 3-I

UR 4548N 07243E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.



SARY-SHAGAN COMMUNICATIONS FAC 4 (MW)

UR 4559N 07148E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.



SARY-SHAGAN TRACKING FACILITY 13

UR 4659N 07010E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.



SARY-SHAGAN COMMUNICATIONS FAC 5 (MW)

UR 4614N 07256E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

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TALENT-KEYHOLE  
Control System Only

TOP SECRET CHESS RUFF

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25X1D



25X1A

SARY-SHAGAN MICROWAVE FACILITY X UR 4656N 07220E

NO MICROWAVE FACILITY OBSERVED AT THE REFERENCED  
COORDINATES.

25X1D



SARY-SHAGAN MICROWAVE FACILITY Z UR 4614N 07357E

NO MICROWAVE FACILITY OBSERVED AT THE REFERENCED  
COORDINATES.

25X1D



PARNU ELECTRONICS FACILITY UR 5818N 02448E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



NAN-CHING POSSIBLE RADIO ASTRONOMY FAC CH 3203N 11847E

NO MILLS CROSS-TYPE RADAR FACILITY OBSERVED. THE  
EASTERN PORTION OF THE SEARCH AREA IS COVERED ON CLEAR  
PHOTOGRAPHY.

25X1D



SINGER MICROWAVE FACILITY CH 4128N 08846E

NO MICROWAVE FACILITY OBSERVED.

25X1D



ROMNY HF COMMUNICATIONS FACILITY UR 5048N 03330E

THE FACILITY CONSISTS OF A TRIPLE-SECTIONED PROBABLE  
COMMAND BUNKER, APPROXIMATELY 10 SUPPORT BUILDINGS, AND  
A PROBABLE ARCH-ROOFED CONTROL BUILDING UNDER

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CONSTRUCTION (CONNECTED BY CABLE TO THE  
TRIPLE-SECTIONED BUNKER). NO ANTENNAS ARE OBSERVED.

25X1D



25X1A

LIDA HF COMMUNICATIONS FACILITY

UR 5353N 02514E

BOTH THE SINGLE AND THE TRIPLE-SECTIONED BUNKER NOW  
APPEAR TO BE EARTH MOUNDED.

25X1D



HAI-MEN SUSPECT COMMUNICATIONS SITE

CH 3200N 12110E

THE ENTIRE SEARCH AREA IS COVERED ON CLEAR PHOTOGRAPHY.  
NO COMMUNICATIONS SITE OBSERVED.

25X1D



YENISEYSK ESV TRACKING FACILITIES

UR 5826N 09216E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



KO-HSON MICROWAVE SEARCH AREA

CH 4247N 08838E

NO MICROWAVE FACILITY OBSERVED.

25X1D



HUANG-SHA-TO MICROWAVE SEARCH AREA

CH 4112N 12331E

NO MICROWAVE FACILITY IDENTIFIED WITHIN THE LIMITS OF  
THE SEARCH AREA.

25X1D



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25X1A

PAI-YANG-HO MICROWAVE SEARCH AREA

CH 4313N 08828E

NO MICROWAVE FACILITY OBSERVED.

25X1D

FURZANUK ELECTRONICS SEARCH AREA

CH 3658N 07605E

THE EASTERN TWO-THIRDS OF THE SEARCH AREA IS COVERED ON PHOTOGRAPHY WITH 95 PERCENT CLOUD COVER. NO BIG MESH/BAR LOCK RADAR OBSERVED.

25X1D

MUZART ELECTRONICS SEARCH AREA

CH 4252N 08041E

HEAVY CLOUDS AND CLOUD SHADOW COVER 80 PERCENT OF THE SEARCH AREA. 90 PERCENT OF THE SEARCH AREA IS COVERED ON CLOUD-FREE PHOTOGRAPHY. NO BIG MESH/BAR LOCK RADAR OBSERVED IN CLOUD-FREE AREAS.

25X1D

25X1D

HSIN-ERH-TAI ELECTRONICS SEARCH AREA

CH 4426N 08104E

THE SEARCH AREA IS 85 PERCENT CLOUD COVERED. THE SEARCH AREA IS COVERED ON 90 CLOUD-FREE PHOTOGRAPHY. NO BIG MESH/BAR LOCK RADAR OBSERVED IN CLOUD-FREE AREAS.

25X1D

25X1D

25X1D

CHANGULUK ELECTRONICS SEARCH AREA

CH 4158N 08139E

CLOUDS COVER THE NW THIRD OF THE SEARCH AREA AND SCATTERED CLOUDS COVER THE REMAINDER OF THE AREA ON PHOTOGRAPHY. THE SEARCH AREA IS 60 PERCENT CLOUD COVERED. NO BIG MESH/BAR LOCK RADAR OBSERVED IN CLOUD-FREE AREAS.

25X1B

25X1D



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25X1D



25X1A

TOKAI ELECTRONICS SEARCH AREA

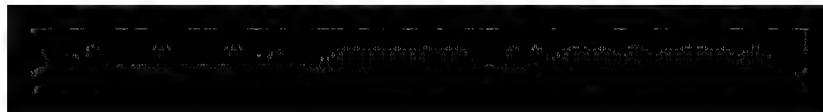
CH 4136N 07953E

25X1D

25X1D

THE SEARCH AREA IS 90 PERCENT CLOUD COVERED. THE EASTERN TWO-THIRDS OF THE SEARCH AREA IS COVERED ON 80 PERCENT CLOUD-COVERED PHOTOGRAPHY. NO BIG MESH/BAR LOCK RADAR OBSERVED.

25X1D



CHAKLAK ELECTRONICS SEARCH AREA

CH 3713N 07550E

THE EASTERN 50 PERCENT OF THE SEARCH AREA IS COVERED ON PHOTOGRAPHY WITH 40 PERCENT CLOUD COVER. NO BIG MESH/BAR LOCK RADAR OBSERVED.

25X1D



KIROV SNEDS ANTENNA

UR 5816N 04741E

NO SNEDS-ASSOCIATED FACILITY CAN BE IDENTIFIED WITHIN 20 NM OF THE REFERENCED COORDINATES.

25X1D



ANGARSK HF LINEAR ARRAY FACILITY

UR 5226N 10341E

NO COMOR

25X1D

A SECOND LINEAR ARRAY UNDER CONSTRUCTION HAS BEEN IDENTIFIED AT ANGARSK HF LINEAR ARRAY FACILITY. THE ARRAY, IN THE EARLY STAGES OF CONSTRUCTION, CONTAINS 10 IN-LINE TOWER FOUNDATIONS SPACED APPROXIMATELY 280 FT APART. HOWEVER, THE LENGTH OF THE CLEARING INDICATES THE ARRAY, ORIENTED APPROXIMATELY [REDACTED] WILL ULTIMATELY CONTAIN APPROXIMATELY 16 TOWERS. APPARENTLY A SECOND VERTICAL RADIATOR IS ALSO IN THE EARLY STAGES OF CONSTRUCTION JUST NW OF THE LINEAR ARRAY UNDER CONSTRUCTION AND AT THIS TIME CONSISTS OF ONLY A CIRCULAR CLEARED AREA.

(SEE ATTACHMENT)

Handle Via

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25X1D



YAKUTSK TROPOSCATTER FACILITY

UR 6213N 12936E

NO COMOR

FACILITY CONSISTS OF 1 TYPE II AND 2 TYPE IIA  
TROPOSCATTER ANTENNAS, 2 CONTROL BUILDINGS,  
APPROXIMATELY 5 SUPPORT BUILDINGS, AND 1 TRANSMITTING  
BUILDING.

25X1D



KRASNYIY TEKSTILSHCHIK HF COMMO FACILITY

UR 5121N 04545E

BONUS 1

3 NM EAST OF KRASNYIY TEKSTILSHCHIK AND 12 NM SSW OF  
SARATOV.  
FENCE SECURED FACILITY CONSISTS OF AT LEAST 3 DOUBLE  
RHOMBIC ANTENNAS AND POSSIBLE FOOTINGS FOR OTHER  
ANTENNA POLES. THE CONTROL AREA CONTAINS A MOUNDED  
BUILDING. A LONG SCAR EXTENDS FROM A SUPPORT AREA,  
JUST OUTSIDE THE SECURED AREA, INTO THE SECURED AREA TO  
AN AREA OF CONSTRUCTION CONTAINING A POSSIBLE ANTENNA.  
NUMEROUS SCARS ARE WITHIN THE SECURED AREA.

25X1D



25X6



DOBRYNSKOYE TALL KING-AW RADAR FACILITY

UR 5615N 04036E

BONUS 3

1.6 NM NE OF DOBRYNSKOYE AT THE DOBRYNSKOYE AIRFIELD.  
SECURED FACILITY CONSISTS OF 1 ANTENNA BUILDING, 1 TALL  
KING ANTENNA, 1 SUPPORT BUILDING, AND SEVERAL SMALL  
UNIDENTIFIED STRUCTURES. IMMEDIATELY SOUTH, AND  
POSSIBLY SEPARATED FROM THE TALL KING FACILITY BY A  
SECURITY FENCE, IS A SMALL AIR WARNING FACILITY  
CONTAINING 3 OCCUPIED RADAR MOUNDS AND 2 ADDITIONAL  
PROBABLE RADAR MOUNDS UNDER CONSTRUCTION.

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TOP SECRET CHESS RUFF

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TC-80340/67

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25X1D



CHANG-CHUN RADIO BROADCAST FACILITY

CH 4356N 12519E

BONUS 4

2.7 NM NORTH OF CHANG-CHUN.  
FACILITY CONSISTS OF 2 PAIRS OF SELF-SUPPORTING LATTICE  
TOWERS, EACH PAIR SUPPORTING A DIPOLE ANTENNA. FEEDER  
SCARS ARE OBSERVED LEADING TO THE TOWERS FROM THE  
SUPPORT AREA WHICH CONTAINS APPROXIMATELY 30 BUILDINGS.

25X1D



## **Complexes**

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25X1A

COMPLEXES

KUN-MING COMPLEX

CH 2504N 10241E

THE COMPLEX IS 90 PERCENT CLOUD COVERED. NO EVIDENCE OF CHANGES IN EXISTING INDUSTRIAL FACILITIES, NO CONSTRUCTION OF SECURITY DEFENSES OR CIVIL DEFENSE FACILITIES, AND NO EVIDENCE OF ABANDONMENT OR REDUCTION IN INDUSTRIAL ACTIVITY OBSERVED IN CLOUD-FREE AREAS. THE RAIL YARDS ARE CLOUD COVERED.

25X1D

PEI-CHING COMPLEX

CH 3954N 11623E

SMOKE IS RISING FROM 3 THERMAL POWERPLANTS AND OTHER INDUSTRIES IN THE COMPLEX. THE RAIL YARDS APPEAR TO BE 30 TO 50 PERCENT FILLED. THE COMPLEX APPEARS TO BE MODERATELY ACTIVE.

25X1D

AN-SHAN COMPLEX

CH 4107N 12257E

INDUSTRIES ARE OPERATING AT LOW TO MODERATE LEVELS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

CHI-CHI-HA-ERH COMPLEX

CH 4721N 12358E

INDUSTRIAL INSTALLATIONS ARE OPERATING AT LOW LEVELS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

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25X1A

CHI-LIN COMPLEX

CH 4351N 12633E

INDUSTRIAL ACTIVITY APPEARS LIGHT.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

CHIN-HUANG-TAO COMPLEX

CH 3956N 11937E

RAIL AND INDUSTRIAL ACTIVITY APPEARS TO BE AT A LOW  
LEVEL.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

CHUNG-CHING COMPLEX

CH 2934N 10635E

POOR INTERPRETABILITY PRECLUDES DETERMINATION OF LEVEL  
OF INDUSTRIAL ACTIVITY.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

FU-SHUN COMPLEX

CH 4152N 12353E

INDUSTRIES AND THERMAL POWERPLANTS ARE OPERATING. THE  
RAIL CLASSIFICATION YARD IS APPROXIMATELY 30 PERCENT  
FILLED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

FU-CHOU COMPLEX

CH 2605N 11918E

RAIL TRAFFIC APPEARS LIGHT. NO CONSTRUCTION OF  
SECURITY, DEFENSES, OR CIVIL DEFENSE FACILITIES

Handle Via  
Talent-Keyhole  
Control System Only

TOP SECRET CHESS RUFF

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TCS-80340/67

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OBSERVED.

25X1D



25X1A

HANG-CHOU COMPLEX

CH 3014N 12010E

INDUSTRIAL ACTIVITY APPEARS MODERATE.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



PING-HSIANG COMPLEX

CH 2207N 10646E

RAILYARDS ARE APPROXIMATELY ONE-THIRD OCCUPIED. LEVEL  
OF INDUSTRIAL ACTIVITY IS UNDETERMINED. NO POL STORAGE  
OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



FU-LA-ERH-CHI COMPLEX

CH 4712N 12338E

MAJOR INDUSTRIES ON THE WEST EDGE OF THE COMPLEX ARE  
OPERATING AT LOW LEVELS OF ACTIVITY.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



SHANG-HAI COMPLEX

CH 3114N 12128E

A MODERATE LEVEL OF ACTIVITY IS OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR

Handle Via

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TOP SECRET CHESS RUFF

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PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



25X1A

SHEN-YANG COMPLEX

CH 4147N 12323E

INDUSTRIES APPEAR TO BE OPERATING AT LOW TO MODERATE LEVELS. THE MAIN RAIL YARD IS APPROXIMATELY 25 PERCENT FILLED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



LU-TA COMPLEX

CH 3855N 12137E

RAIL AND INDUSTRIAL ACTIVITY APPEARS LIGHT TO MODERATE.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



SU-CHOU COMPLEX

CH 3118N 12037E

INDUSTRIAL ACTIVITY APPEARS MODERATE.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



WEN-CHOU COMPLEX

CH 2801N 12039E

INDUSTRIAL ACTIVITY APPEARS MODERATE.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D





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25X1A

LA-TZU COMPLEX

TI 2910N 08741E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

25X1D

CHONGJU COMPLEX

KN 3941N 12512E

NO INDICATIONS OF INDUSTRIAL ACTIVITY OBSERVED. THE  
RAIL YARD APPEARS APPROXIMATELY 30 PERCENT FILLED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO INDICATION OF MILITARY ACTIVITY OBSERVED.

25X1D

KAECHON COMPLEX

KN 3941N 12553E

NO INDICATIONS OF INDUSTRIAL ACTIVITY OBSERVED. THE  
RAIL YARDS APPEAR APPROXIMATELY 25 PERCENT FILLED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO INDICATION OF MILITARY ACTIVITY OBSERVED.

25X1D

SA-ERH-TU REFINERY AND OIL FIELD COMPLEX CH 4636N 12501E

EIGHT LARGE POL STORAGE TANKS ARE UNDER CONSTRUCTION.  
THE OIL FIELD AND REFINERY APPEAR OPERATIONAL.

NO SIGNIFICANT CHANGE OBSERVED.

25X1D

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25X1A

CHIAO-HO COMPLEX

CH 4342N 12719E

INDUSTRIAL ACTIVITY APPEARS LIGHT.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

IVANOVO COMPLEX

UR 5700N 04058E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

VLADIMIR COMPLEX

UR 5608N 04025E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

RYAZAN COMPLEX

UR 5437N 03943E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

KINESHMA COMPLEX

UR 5726N 04208E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

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25X1A

VOLOGDA COMPLEX

UR 5913N 03953E

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

25X1D



DNEPRODZERZHINSK COMPLEX

UR 4831N 03438E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



NAZAROV COMPLEX

UR 5600N 09023E

THE EASTERN EDGE OF THE 50-NM SEARCH AREA IS COVERED ON  
PHOTOGRAPHY OF POOR INTERPRETABILITY.

25X1D



YUNG-CHANG THERMAL POWERPLANT

CH 3822N 10204E

IMMEDIATELY EAST OF HO-HSI-PAO AND 5.5 NM NNW OF  
YUNG-CHANG.

THE INSTALLATION AT THE REFERENCED COORDINATES IS A  
THERMAL POWERPLANT. A SMELTER IS LOCATED APPROXIMATELY  
25 NM NORTH AT 38-45N 102-10E (PING-KOU ORE PROCESSING  
PLANT).

THE POWERPLANT CONTAINS A BOILERHOUSE AND GENERATOR  
HALL, A COAL YARD AND COAL PROCESSING FACILITIES, 3  
NATURAL-DRAFT COOLING TOWERS, AND A TRANSFORMER YARD.  
IT APPEARS TO SERVE AN ADJACENT INDUSTRIAL PLANT.

25X1D



GRODNO RAILROAD STATION YARDS & SHOPS

UR 5341N 02351E

THE YARD IS APPROXIMATELY 25 PERCENT FILLED.

25X1D



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25X1A

KAISIADORYS RAILROAD STATION AND YARDS UR 5451N 02427E

THE YARD APPEARS NEARLY EMPTY.

25X1D



KOVEL RR YARDS SHOPS & TRANSFER SITES UR 5114N 02441E

THE MAIN YARD IS APPROXIMATELY 30 PERCENT FILLED. THE NORTH YARD IS NEARLY EMPTY.

25X1D



LENINGRAD RR STN YARDS AND SHOPS MOSKVA UR 5954N 03022E

POOR INTERPRETABILITY PRECLUDES DETERMINATION OF LEVEL OF ACTIVITY.

25X1D



LENINGRAD RR STN YARDS & SHOPS FINLANDIY UR 5957N 03021E

POOR INTERPRETABILITY PRECLUDES IDENTIFICATION OF RAIL CARS.

25X1D



LENINGRAD RR STATION AND YARDS VARSHAVKIY UR 5953N 03018E

THE YARD IS 30 PERCENT FILLED.

25X1D



NOVA VILEYKA RR STATION YARDS & SHOPS UR 5441N 02525E

THE YARD IS LESS THAN 10 PERCENT FILLED.

25X1D



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LENINGRAD RR CLF YARDS & SHOPS OKTYABR UR 5952N 03025E

25X1A

THE YARD IS APPROXIMATELY 50 PERCENT FILLED.

25X1D

LENINGRAD RR CLF YARDS SHUSHARY UR 5947N 03024E

THE YARD IS 10 PERCENT FILLED.

25X1D

LENINGRAD RR CLF YARDS SREDNE-ROGATSKAYA UR 5949N 03017E

THE YARD IS APPROXIMATELY 25 PERCENT FILLED.

25X1D

MOSKVA RR STN CLF YDS AND SHOPS KUSKOVO UR 5544N 03748E

THE YARD IS 25 PERCENT FILLED.

25X1D

VINNITSA RAILROAD STN RELAY YARDS & SHOPS UR 4914N 02830E

THE YARDS ARE 15 PERCENT OCCUPIED

25X1D

25X1D

KISHINEV RR STATION YARDS & SHOPS UR 4700N 02851E

THE YARD IS 30 PERCENT FILLED.

25X1D

MOSKVA RR STN YARDS AND SHOPS LENINGRAD UR 5547N 03738E

THE YARD IS APPROXIMATELY 30 PERCENT FILLED.

25X1D

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25X1D



25X1A

LENINGRAD HVY EQP PLT KR PUT KIROV 185 UR 5953N 03015E

NO NEW CONSTRUCTION, SIGNIFICANT CHANGES, OR VEHICLES  
OBSERVED.

25X1D



CHELYABINSK TRACTOR PLANT

UR 5509N 06128E

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

25X1D



IZHEVSK ARMS & MACHINE EQUIP PLANT 71 & 74 UR 5650N 05311E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW  
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY  
UNREPORTED FEATURES OBSERVED.

25X1D



VOTKINSK ARMS MACHINE AND STEEL PLT 235

UR 5703N 05359E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW  
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY  
UNREPORTED FEATURES OBSERVED.

25X1D



CHAPAYEVSK EXPLOS & MUN LDG CMB 309 & 15

UR 5258N 04943E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



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25X1A

ULYANOVSK MOTOR VEHICLE PLANT

UR 5418N 04820E

NO MISSILE-RELATED EQUIPMENT OR VEHICLES OBSERVED.

25X1D

VOLGOGRAD ORD & MUN & MACH TOOL PLT KR BA UR 4846N 04434E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

GORKIY MOTOR VEHICLE PLANT MOLOTOV 1

UR 5615N 04354E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

25X1D

OMSK RR RPR AND TANK PLT VOROSHILOV 174 UR 5455N 07323E

NO SIGNIFICANT CHANGE OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

25X1D

KUTAISI MOTOR VEHICLE PLANT

UR 4215N 04237E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

25X1D

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TOP SECRET CHESSE RUFF

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25X1A

VOLGOGRAD TRACTOR PLANT DZERZHINSKIY 264 UR 4848N 04437E

NO EVIDENCE OF ACTIVITY OBSERVED IN VEHICLE TESTING AREA.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

25X1D

LENINGRAD ARM & TANK PLT BOLSHEVIK 232 UR 5952N 03028E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

CHI-CHI-HA-ERH ARMS & AMMO PLANT 127 CH 4719N 12358E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

PAO-TOU ARTILLERY PLANT 447 CH 4041N 10953E

THE PREVIOUSLY REPORTED CONSTRUCTION CONTINUES.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

25X1D

CHUNG-CHING EXPLOSIVES PLANT NEW CH 2943N 10630E

NO EQUIPMENT OR POSSIBLE PRODUCTS OBSERVED. SMALL SCALE PRECLUDES DETERMINING THE LEVEL OF MANUFACTURING



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AND TEST ACTIVITY.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



25X1A

CHERNYAKHOVSK TRANSLOADING YARD SW

UR 5437N 02146E

THE YARD IS APPROXIMATELY 50 PERCENT FILLED.

25X1D



BRYANSK AMMO & AGRL MACH PLANT SELTSO 121 UR 5323N 03407E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW  
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY  
UNREPORTED FEATURES OBSERVED.

25X1D



PAO-CHI INDUSTRIAL INSTALLATION

CH 3418N 10715E

NO COMOR

APPROXIMATELY 7 NM SE OF PAO-CHI.  
INSTALLATION UNDER CONSTRUCTION CONTAINS 11 PROBABLE  
FABRICATION BUILDINGS, A SMALL STEAMPLANT, 2 PROBABLE  
ADMINISTRATION BUILDINGS, 3 SUPPORT BUILDINGS, AND  
PROBABLE FOUNDATIONS. A SUPPORT AREA IMMEDIATELY NORTH  
CONTAINS APPROXIMATELY 75 BUILDINGS.

25X1D



CHANG-SHOU HYDRO POWERPLANT SHIH-TZU-TAN

CH 2953N 10714E

NO COMOR

9.5 NM NE OF CHANG-SHOU.  
FACILITY INCLUDES AN EARTHEN DAM, A CONCRETE SPILLWAY,  
A SURGE TANK, A TURBO-GENERATOR HALL, AND A SUBSTATION.  
A POWERHOUSE IS 1 NM SOUTH OF THE DAM AND IS  
OPERATIONAL.

25X1D



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CHENG-TU/KUN-MING RAIL LINE

CH 3040N 10404E NO COMOR

THE RAIL LINE IS OPERATIONAL FROM CHENG-TU AT 30-40N  
104-04E SW TO 28-58N 102-45E AND UNDER CONSTRUCTION  
FROM THERE SOUTH TO 26-41N 101-51E.

25X1D

CHANG-SHOU HYDRO POWERPLANT HSIA-TUNG

CH 2949N 10707E NO COMOR

2.4 NM EAST OF CHANG-SHOU.  
FACILITY CONSISTS OF A CONCRETE DAM WITH SPILLWAY AND A  
SMALL TURBO-GENERATOR HALL SOUTH OF THE DAM.

25X1D

KUN-MING/CHENG-TU RAIL LINE

CH 2503N 10245E NO COMOR

THE RAIL LINE IS OPERATIONAL FROM KUN-MING AT 25-03N  
102-45E WEST TO 25-10N 101-45E, AND UNDER CONSTRUCTION  
NORTH FROM THERE TO 25-49N 101-47E.

25X1D

ZAGORSK POSS RESEARCH & FABRICATION FAC

UR 5627N 03805E NO COMOR

A SUSPECT SPACE/MISSILE-ASSOCIATED STRUCTURE,  
APPARENTLY IN THE FINAL STAGES OF CONSTRUCTION, IS  
IDENTIFIED AT THE WEST END OF THE FACILITY

25X1D

25X1D

25X1D

25X1D

REVEALED A CIRCULAR  
CONFIGURATION OF UPRIGHT STANCHIONS  
SURROUNDING A 45-FT HIGH PLATFORM SUPPORTING A  
SPHERICAL OBJECT. A 200-FT HIGH CONSTRUCTION CRANE WAS  
NEARBY. THIS MISSION REVEALS THAT THE STRUCTURE HAS  
BEEN ROOFED WITH PRE-SHAPED SECTIONS. THE CONSTRUCTION  
CRANE IS STILL NEARBY. SINCE THE FACILITY CONTAINS  
NUMEROUS UNUSUAL STRUCTURES AND A LARGE  
FABRICATION-TYPE BUILDING, AND THE ZAGORSK ROCKET  
ENGINE TEST FACILITY IS 3.5 NM SE, IT MAY POSSIBLY BE  
RELATED TO SPACE/MISSILE RESEARCH AND FABRICATION. THE  
CIRCULAR STRUCTURE MAY BE A TYPE OF TEST STRUCTURE,  
SUCH AS A VERY LARGE CENTRIFUGE.

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(SEE ATTACHMENT)

25X1D



KAMENSK-SHAKHTINSKIY CHEMICAL COMBINE 101 UR 4819N 04016E NO COMOR

THE EASTERNMOST OF THE 3 POSSIBLE FINAL ASSEMBLY BUILDINGS IN THE SOUTHERN HALF OF THE ADVANCED SOLID PROPELLANT AREA APPEARS TO BE UNDERGOING POSSIBLE MODIFICATION/REMOVAL. THE ROOF OF THE SOUTHWESTERNMOST CAST/CURING BUILDING ALSO APPEARS TO BE UNDERGOING POSSIBLE MODIFICATION/REPAIRS. IN THE OLD DOUBLE BASE PLANT, THE LARGE PROBABLE STORAGE BUILDING WEST OF THE STATIC TEST FACILITY AND NE OF THE OFFSET POSSIBLE TEMPERATURE CONDITIONING BUILDINGS APPEARS COMPLETE. THIS STRUCTURE WAS FIRST OBSERVED UNDER CONSTRUCTION

25X1D

25X1D

25X1D

25X1D

AND HAD REMAINED UNTOUCHED

CHEN-CHIANG TPP CHIEN-PI-CHEN

CH 3210N 11934E

NO COMOR

6.8 NM ESE OF CHEN-CHIANG.  
RAIL- AND WATER-SERVED PLANT CONSISTS OF A BOILERHOUSE, A GENERATOR HALL, A TRANSFORMER YARD, COAL STORAGE AND HANDLING FACILITIES, PUMPHOUSE, WATER OUTLET, AND SEVERAL OTHER STORAGE/SUPPORT-TYPE BUILDINGS.

25X1D



HUA-TIEN RAIL LINE

CH 4256N 12641E

NO COMOR

RAIL CONSTRUCTION APPEARS ABANDONED. NUMEROUS BRIDGE LOCATIONS ARE WITHOUT BRIDGES/BRIDGE PIERS.

25X1D



SHIH-TSUI-SHAN THERMAL POWERPLANT

CH 3857N 10648E

NO COMOR

2 NM NE OF SHIH-TSUI-SHAN.  
RAIL-SERVED PARTIALLY SECURED PLANT CONTAINS A COMBINED BOILER-GENERATOR HALL, A CONTROL HOUSE, A SUBSTATION, COAL STORAGE AND COAL HANDLING FACILITIES, 4 SPRAY

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PONDS, AND NUMEROUS STORAGE/SUPPORT BUILDINGS.

25X1D

FU-LA-ERH-CHI HEAVY MACHINERY PLANT

CH 4711N 12337E

NO COMDR

IN FU-LA-ERH-CHI, IMMEDIATELY NE OF THE HEAT AND THERMAL POWERPLANT, AND SE OF THE STEEL PLANT. RAIL-SERVED INSTALLATION CONTAINS 5 LARGE MONITOR-ROOFED BUILDINGS, A GAS PLANT, AN ADMINISTRATION BUILDING, COAL STORAGE YARDS, NUMEROUS SHOPS AND SUPPORT BUILDINGS, AND SEVERAL AREAS OF OPEN STORAGE.

25X1D

YAMAATA THERMAL POWERPLANT

CH 4337N 08144E

NO COMDR

5 NM SW OF YAMAATA. PLANT CONTAINS A BOILERHOUSE, A GENERATOR HALL, A TRANSFORMER YARD, WATER INTAKE, 2 SPRAY PONDS, AND APPROXIMATELY 35 STORAGE/SUPPORT BUILDINGS. THE PLANT PROBABLY IS OPERATIONAL.

25X1D

PERM PROBABLE STORAGE

UR 5753N 05618E

NO COMDR

RAIL-SERVED AREA CONTAINS 18 LARGE STORAGE-TYPE BUILDINGS AND 10 SMALLER BUILDINGS. A TANK STORAGE AREA CONTAINING 16 SMALL TANKS IS ADJACENT TO AND WEST OF THE LARGE STORAGE-TYPE BUILDINGS. A SECOND TANK STORAGE AREA IS SEPARATED FROM THE AREA OF 16 SMALL TANKS BY A RAIL LINE. THE SECOND TANK STORAGE AREA CONTAINS 2 LARGE TANKS, 4 REVETTED TANKS, 9 SMALL TANKS, AND 1 BUILDING.

25X1D

YANG-PING-KUAN POL STORAGE AREA

CH 3303N 10604E

BONUS 1

5 NM NE OF YANG-PING-KUAN INSTALLATION CONTAINS 28 LARGE POL STORAGE TANKS DISPERSED IN SEVERAL RAVINES IMMEDIATELY NORTH OF THE ROAD RUNNING SW FROM MIEN-HSIEN TO YANG-PING-KUAN. AN

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ADJACENT SUPPORT AREA CONTAINS APPROXIMATELY 12 BUILDINGS.

25X1D

WEI-SHUI-CHEN POL STORAGE AREA

CH 3803N 11409E BONUS 2

2 NM NE OF WEI-SHUI-CHEN.  
INSTALLATION CONTAINS 8 LARGE POL TANKS PARTIALLY EARTH MOUNDED, 12 CIRCULAR EXCAVATIONS UNDER CONSTRUCTION, AND 5 STORAGE/SUPPORT BUILDINGS IMMEDIATELY SOUTH OF THE POL TANKS.

25X1D

KUN-MING RAIL CONSTRUCTION

CH 2500N 10247E BONUS 3

4.6 NM SE OF KUN-MING.  
PRELIMINARY ROAD GRADING EXTENDS SE FROM THE RAIL YARD AT 25-00N 102-47E TO 24-55N 102-49E (A DISTANCE OF 4.6 NM).

25X1D

HA-ERH-PIN RAIL YARD

CH 4545N 12642E BONUS 4

25X1A

EAST EDGE OF HA-ERH-PIN AND 1.7 NM NE OF HA-ERH-PIN/MA-CHIA-KOU AIRFIELD  
PRELIMINARY GRADING FOR A RAIL YARD COVERS AN AREA APPROXIMATELY 15,000 X 1,000 FT.

25X1D

HO-SHIH POL STORAGE

CH 4252N 08623E BONUS 5

APPROXIMATELY 4 NM NORTH OF HO-SHIH MILITARY BARRACKS AND STORAGE AREA NW.  
AREA CONTAINS 6 LARGE VERTICAL POL TANKS, 2 SMALL VERTICAL POL TANKS, 6 BARRACKS-TYPE BUILDINGS, AND 20 SUPPORT BUILDINGS.

25X1D

Handle Via  
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TAN-TUNG POL STORAGE

CH 4011N 12420E BONUS 6

5 NM NORTH OF TAN-TUNG.  
RAIL-SERVED INSTALLATION CONTAINS 4 POL STORAGE TANKS,  
EITHER COMPLETE OR NEARING COMPLETION, AND 1 TANK IN  
INITIAL STAGES OF CONSTRUCTION.



UIJU STORAGE AREA

KN 4010N 12440E BONUS 7

6.5 NM ESE OF UIJU.  
AREA IN A WOODED VALLEY CONTAINS APPROXIMATELY 14  
DISPERSED STORAGE BUILDINGS.



YING-O-CHENG STORAGE AREA

CH 4210N 12508E BONUS 8

3.6 NM EAST OF YING-O-CHENG.  
INSTALLATION CONTAINS 17 STORAGE BUILDINGS DISPERSED IN  
A SMALL VALLEY.



CHING-YUAN STORAGE AREA

CH 4205N 12454E BONUS 9

0.2 NM WEST OF CHING-YUAN.  
INSTALLATION CONSISTS OF 25 DISPERSED STORAGE BUILDINGS  
AND 2 SUPPORT BUILDINGS.



RADOMYSHL STORAGE AREA

UR 5035N 02926E BONUS 10

9 NM NE OF RADOMYSHL AND 38 NM WNW OF KIYEV.  
RAIL-SERVED STORAGE AREA UNDER CONSTRUCTION CONSISTS OF  
23 BARRACKS-TYPE BUILDINGS, APPROXIMATELY 19 SUPPORT  
BUILDINGS, AND APPROXIMATELY 16 WAREHOUSES. THE RAIL  
FACILITY FORMS A CANDELABRA OF 5 SPURS AND HAS 7  
RAIL-TO-ROAD TRANSFER BUILDINGS.



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25X1D

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**Other  
Activity**



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25X1A

OTHER ACTIVITY

NYANDOMA SENSITIVE OPERATIONS COMPLEX UR 6139N 04015E

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

25X1D

SHESTOVO POSSIBLE MILL AND SMELTER UR 6257N 04013E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

25X1D

NEFTEKAMSK POSS CHEMICAL FERTILIZER PLANT UR 5606N 05415E

NO EVIDENCE OBSERVED TO CONFIRM FUNCTION OF THIS  
INSTALLATION. NO VEHICLES/PIECES OF EQUIPMENT  
OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

ZHUKOVKA SENSITIVE OPS CPLX OPS AREA UR 5333N 03357E

THE 3-PAD HELICOPTER FACILITY IS NOW COMPLETE. AN  
UNIDENTIFIED OBJECT IS ON THE EASTERNMOST PAD  
NO VEHICLES OR OTHER CHANGES OBSERVED.

25X1D

25X1D

25X1D

ZHUKOVKA SENSITIVE OPS CPLX SUP AREA UR 5329N 03353E

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

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25X1D

25X1A

25X1B

CHAADAYEVKA HARDENED COMMAND FACILITY

UR 5307N 04602E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

CHEKHOV POSSIBLE COMMAND POST

UR 5509N 03716E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

25X1B

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25X1A

MIKHAYLOVKA SENSITIVE OPERATIONS COMPLEX UR 4849N 03217E

EARTH COVERING OF BUNKER 4 IS COMPLETE. THE HELICOPTER PAD HAS BEEN DARKENED AND APARTMENT CONSTRUCTION IN THE HOUSING AREA APPEARS COMPLETE. NO OTHER CHANGES OBSERVED.

25X1D

BORISOGLEBSK SENSITIVE OPERATIONS COMPLEX UR 5125N 04157E

BUNKER 4 IS STILL NOT EARTH COVERED. NO APPARENT CHANGES ARE OBSERVED.

25X1D

BEREZOVKA/KRASNOARMEYSKOYE SENS OP CMPLX UR 5111N 04600E

NO SIGNIFICANT CHANGE OBSERVED.

25X1D

CHEBSARA SENSITIVE OPERATIONS COMPLEX UR 5906N 03837E

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

25X1D

RECHITSA SENSITIVE OPERATIONS COMPLEX UR 5226N 03005E

A CLEARED STRIP PERPENDICULAR TO THE ENTRANCE ROAD SOUTH OF THE MAIN HOUSING AREA HAS BEEN PAVED WITH DARK MATERIAL. NO OTHER CHANGES OBSERVED.

25X1D

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25X1A

BELEV SENSITIVE OPERATIONS COMPLEX

UR 5332N 03630E

25X1D BUNKER 6 IS APPROXIMATELY 30 PERCENT COMPLETE. BUNKERS  
5 AND 6 APPEAR TO BE EXTERNALLY COMPLETE, BUT ARE NOT  
YET EARTH COVERED. THE CLEARING FOR THE PROBABLE  
HARDENED (SUBSURFACE) ANTENNA IMMEDIATELY WEST OF THE  
COMMUNICATION BUNKER REPORTED  
HAS BEEN ENLARGED.

25X1D A NEW BUILDING AND CONNECTING ROADS ARE UNDER  
CONSTRUCTION APPROXIMATELY 300 FT EAST OF AND PARALLEL  
TO THE BRIDGE CRANE IN THE OPERATIONS AREA.

25X1B

25X1B

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25X1A

25X6

25X2

25X6

25X1B

25X2

LAPICHI HF LINEAR ARRAY & RADIO RELAY FAC UR 5325N 02831E 1  
TYURATAM TRACKING FACILITY 29 UR 4617N 06452E 1  
NARO-FOMINSK PROB ABM PHASED-ARRAY RADAR UR 5529N 03641E 1  
LENINGRAD NW AIR WARNING RADAR FACILITY UR 6014N 02944E 1  
GOLITSYNO HF COMMUNICATIONS FACILITY UR 5535N 03702E 1  
SERPUKHOV RADIOASTRONOMY FACILITY UR 5449N 03737E 1  
TYSP-NAVLOK GM RADAR FACILITY SEARCH UR 6945N 03305E 1  
PUMMANKI PROBABLE COASTAL DEFENSE FAC UR 6946N 03145E 1  
GALENKI ESV TRACKING FACILITIES UR 4401N 13145E 1  
VINNITSA SUSPECT SPACE TRACKING FACILITY UR 4913N 02846E 1  
TALLINN ELECTRONICS FACILITY UR 5926N 02458E 1  
TYURATAM TRACKING FACILITY UR 4542N 06318E 1  
PODOLSK HF COMMUNICATIONS FAC KLIMOVSK UR 5522N 03727E 1  
ODESSA HF COMMUNICATIONS FACILITY UR 4626N 03030E 1  
SARY-SHAGAN ASAT/SPACE TRACKING RADAR FAC UR 4636N 07431E 1  
MISHELEVKA ASAT/SPACE TRACKING RADAR FAC UR 5252N 10315E 1  
OLENEGORSK DUAL HEN HOUSE UR 6806N 03355E 1  
SKRUNDA DUAL HEN HOUSE UR 5642N 02157E 1  
MOSKVA/SHCHELKOVO ESV TRACKING FACILITIES UR 5556N 03758E 1  
GORKIY/SORMOVO RADAR ASBLY & TEST AREA UR 5619N 04347E 1  
SHUANG-CHENG-TZU POSS DN RGE INSTR SITE CH 4125N 08925E 1  
EMBA TRACKING FACILITY 6 UR 4812N 05815E 1



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25X1A

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MYTISHCHI ELECTRONIC RESEARCH COMPLEX	UR	5555N	03744E	1
PERKHUSHKOVO POSSIBLE ROCKET FORCES HQ	UR	5541N	03712E	1
MOSKVA RADAR PLANT KUNTSEVO 304	UR	5542N	03726E	1
MOSKVA RADAR INSTITUTE NII 108	UR	5546N	03739E	*
YOSHKAR-OLA OPTICAL PLANT KAGANOVICH 297	UR	5638N	04752E	1
MOSKVA OPT INSTR PLT GEOFIZIKA PRISMA 589	UR	5547N	03741E	1
RZHEV AIR DEFENSE HQ RADAR FACILITY	UR	5617N	03418E	1
SAMBOR FIGHTER DIVISION HQ	UR	4932N	02320E	1
TAPA AIR DEFENSE HQ RADAR FACILITY	UR	5916N	02601E	1
YAROSLAVL AIR DEFENSE HEADQUARTERS SEARCH	UR	5742N	03946E	1
YAROSLAVL AIRFIELD ELECTRONICS FACILITY	UR	5735N	03954E	*
EMBA MSL TEST CENTER ELECTRONICS FACILITY	UR	4836N	05806E	*
VILEKYA VLF COMMUNICATIONS FACILITY	UR	5427N	02646E	*
NARVA H-SHAPED AIR WARNING RADAR FAC	UR	5943N	02829E	1
JOHVI AIR WARNING RADAR FACILITY	UR	5922N	02721E	1
VESKITAGUSE AIR WARNING RADAR FACILITY	UR	5850N	02647E	*
TALDOM HF SPHERICAL/CIRCULAR ARRAY FAC	UR	5644N	03736E	*
NIKOLAYEV HF COMMUNICATIONS FACILITY	UR	4649N	03212E	*
KERSTOVO AIR WARNING RADAR FACILITY	UR	5928N	02849E	1
KAMYSHIN AIR WARNING RADAR FACILITY	UR	5003N	04516E	1

OLENEGORSK HF COMMUNICATIONS TSMIG FAC	UR	6803N	03300E	*
STOROZHNO AIR WARNING RADAR FACILITY	UR	6031N	03237E	1
TOLMACHEVO H-SHAPED AIR WARNING RADAR FAC	UR	5852N	02956E	1
SARY-SHAGAN R&D RADAR FACILITY 1	UR	4600N	07339E	1
SARY-SHAGAN R&D RADAR FACILITY 2	UR	4556N	07338E	1
SARY-SHAGAN COMMUNICATIONS FAC 3 (HF)	UR	4601N	07207E	1
SARY-SHAGAN COMMUNICATIONS FAC 2 (HF)	UR	4554N	07338E	*
SARY-SHAGAN TRACKING FACILITY 11	UR	4641N	07238E	1
SARY-SHAGAN TRACKING FACILITY 2	UR	4548N	07335E	1
SARY-SHAGAN TRACKING FACILITY 3	UR	4538N	07236E	1
SARY-SHAGAN TRACKING FACILITY 4	UR	4557N	07213E	1
SARY-SHAGAN TRACKING FACILITY 5	UR	4554N	07120E	1
SARY-SHAGAN TRACKING FACILITY 7	UR	4636N	07050E	1
SARY-SHAGAN TRACKING FACILITY 8	UR	4655N	07050E	1
SARY-SHAGAN TRACKING FACILITY 9	UR	4653N	07152E	1
SARY-SHAGAN TRACKING FACILITY 10	UR	4657N	07232E	1
SARY-SHAGAN TRACKING FACILITY 12	UR	4624N	07234E	1
SARY-SHAGAN TRACKING FACILITY 6	UR	4614N	07055E	1
LENINGRAD SW AIR WARNING RADAR FACILITY	UR	5944N	02934E	1
KAPUSTIN YAR 2000 NM IMPACT AREA	UR	5700N	10040E	1
KIROVABAD TALL KING-AW RADAR FACILITY	UR	3720N	06857E	1
LUTSK SRF PROB REGIONAL HQ FACILITY	UR	5043N	02531E	1
MOZYR HF COMMUNICATIONS FACILITY	UR	5205N	02906E	1
SIAULIAI SRF PROB REGIONAL HQ FACILITY	UR	5600N	02318E	1
ELBAN VLF COMMUNICATIONS FACILITY	UR	5004N	13637E	1
ZHEMKOVKA VLF COMMUNICATIONS FACILITY	UR	5317N	04807E	1
SLONIM VLF COMMUNICATIONS FACILITY	UR	5308N	02523E	1
JONAVA SRF COMMUNICATIONS FACILITY	UR	5500N	02416E	1

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BELOKOROVICHI HF COMMUNICATIONS FACILITY	UR	5107N	02759E	1
POSTAVY SRF PROB REGIONAL HQ FACILITY	UR	5505N	02651E	*
MOSKVA/CHEREPOVETS TALL KING-AW RADAR FAC	UR	5919N	03758E	1
GORKIY COMMO EQP PLT LENIN 197 FRUNZE 326	UR	5615N	04358E	1
KRASNOARMEYSKAYA VLF COMMUNICATIONS FAC	UR	4524N	03809E	1
ZNAMENSK SRF PROB REGIONAL HQ FACILITY	UR	5435N	02114E	1
PRUZHANY SRF PROB REGIONAL HQ FACILITY	UR	5235N	02432E	1
A-WA-TI SUSPECT RADAR ACTIVITY	CH	4035N	08055E	1
PENZA HF COMMUNICATIONS FACILITY	UR	5320N	04519E	*
PENZA HF COMMUNICATIONS FACILITY	UR	5309N	04518E	1
GORKIY R & D ELECTRONICS FACILITY	UR	5617N	04345E	1
VOLOKOLAMSK TROPOSCATTER FACILITY	UR	5300N	03604E	1
EMBA PROB FIELD TRACKING FACILITY	UR	4828N	05805E	*
EMBA PROB FIELD TRACKING FACILITY	UR	4826N	05743E	*
EMBA PROB FIELD TRACKING FACILITY	UR	4836N	05806E	*
WU-LU-MU-CHI RADIO COMMO STATION 3	CH	4357N	08714E	1
LOP NOR SUSP COMMUNICATIONS FACILITIES 4	CH	4051N	08921E	1
SO-KUD-NO-ERH RADAR SEARCH AREA	MG	4236N	10117E	1
BELGER HAAN SUMA RADAR SEARCH AREA	MG	4648N	10416E	1
KURGAN-TYUBE HF COMMUNICATIONS FACILITY	UR	3733N	06848E	1
KOMSOMOLSK HF COMMUNICATIONS FACILITY	UR	5036N	13656E	1
SARY-SHAGAN MICROWAVE FACILITY	UR	4601N	07342E	1
SARY-SHAGAN COMMUNICATIONS FAC 6 (MW)	UR	4603N	07321E	1
SARY-SHAGAN MICROWAVE FACILITY 3-I	UR	4548N	07243E	1
SARY-SHAGAN COMMUNICATIONS FAC 4 (MW)	UR	4559N	07148E	1
SARY-SHAGAN TRACKING FACILITY 13	UR	4659N	07010E	1
SARY-SHAGAN COMMUNICATIONS FAC 5 (MW)	UR	4614N	07256E	1
SARY-SHAGAN MICROWAVE FACILITY X	UR	4656N	07220E	1
SARY-SHAGAN MICROWAVE FACILITY Z	UR	4614N	07357E	1
PARNU ELECTRONICS FACILITY	UR	5818N	02448E	1
NAN-CHING POSSIBLE RADIO ASTRONOMY FAC	CH	3203N	11847E	1
SINGER MICROWAVE FACILITY	CH	4128N	08846E	1
ROMNY HF COMMUNICATIONS FACILITY	UR	5048N	03330E	1
LIDA HF COMMUNICATIONS FACILITY	UR	5353N	02514E	1
HAI-MEN SUSPECT COMMUNICATIONS SITE	CH	3200N	12110E	1
YENISEYSK ESV TRACKING FACILITIES	UR	5826N	09216E	1
KO-HSON MICROWAVE SEARCH AREA	CH	4247N	08838E	1
HUANG-SHA-TO MICROWAVE SEARCH AREA	CH	4112N	12331E	1
PAI-YANG-HO MICROWAVE SEARCH AREA	CH	4313N	08828E	1
FURZANUK ELECTRONICS SEARCH AREA	CH	3658N	07605E	1
MUZART ELECTRONICS SEARCH AREA	CH	4252N	08041E	1
HSIN-ERH-TAI ELECTRONICS SEARCH AREA	CH	4426N	08104E	1
CHAMGULUK ELECTRONICS SEARCH AREA	CH	4158N	08139E	1
TOKAI ELECTRONICS SEARCH AREA	CH	4136N	07953E	1
CHAKLAK ELECTRONICS SEARCH AREA	CH	3713N	07550E	1
KIROV SNEDS ANTENNA	UR	5816N	04741E	1
ANGARSK HF LINEAR ARRAY FACILITY	UR	5226N	10341E	1
YAKUTSK TROPOSCATTER FACILITY	UR	6213N	12936E	1
KRASNY TEKSTILSHCHIK HF COMMO FACILITY	UR	5121N	04545E	1

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DOBRYNSKOYE TALL KING-AW RADAR FACILITY	UR 5615N 04036E	1
CHANG-CHUN RADIO BROADCAST FACILITY	CH 4356N 12519E	1
KUN-MING COMPLEX	CH 2504N 10241E	1
PEI-CHING COMPLEX	CH 3954N 11623E	1
AN-SHAN COMPLEX	CH 4107N 12257E	1
CHI-CHI-HA-ERH COMPLEX	CH 4721N 12358E	1
CHI-LIN COMPLEX	CH 4351N 12633E	1
CHIN-HUANG-TAO COMPLEX	CH 3956N 11937E	1
CHUNG-CHING COMPLEX	CH 2934N 10635E	1
FU-SHUN COMPLEX	CH 4152N 12353E	1
FU-CHOU COMPLEX	CH 2605N 11918E	1
HANG-CHOU COMPLEX	CH 3014N 12010E	1
PING-HSIANG COMPLEX	CH 2207N 10646E	1
FU-LA-ERH-CHI COMPLEX	CH 4712N 12338E	1
SHANG-HAI COMPLEX	CH 3114N 12128E	1
SHEN-YANG COMPLEX	CH 4147N 12323E	1
LU-TA COMPLEX	CH 3855N 12137E	1
SU-CHOU COMPLEX	CH 3118N 12037E	1
WEN-CHOU COMPLEX	CH 2801N 12039E	1
LA-TZU COMPLEX	TI 2910N 08741E	1
SUNCHON COMPLEX	KN 3925N 12556E	*
CHONGJU COMPLEX	KN 3941N 12512E	1
KAECHON COMPLEX	KN 3941N 12553E	1
HOERYONG COMPLEX	KN 4226N 12945E	*
SA-ERH-TU REFINERY AND OIL FIELD COMPLEX	CH 4636N 12501E	1
CHIAO-HO COMPLEX	CH 4342N 12719E	1
YONAN COMPLEX	KN 3754N 12609E	*
ASBEST MINING COMPLEX	UR 5701N 06129E	*
IVANOVO COMPLEX	UR 5700N 04058E	1
VLADIMIR COMPLEX	UR 5608N 04025E	1
RYAZAN COMPLEX	UR 5437N 03943E	1
KINESHMA COMPLEX	UR 5726N 04208E	1
VOLOGDA COMPLEX	UR 5913N 03953E	1
DNEPRODZERZHINSK COMPLEX	UR 4831N 03438E	1
NAZAROVO COMPLEX	UR 5600N 09023E	1
YUNG-CHANG THERMAL POWERPLANT	CH 3822N 10204E	1
GRODNO RAILROAD STATION YARDS & SHOPS	UR 5341N 02351E	1
KAISIADORYS RAILROAD STATION AND YARDS	UR 5451N 02427E	1
KOVEL RR YARDS SHOPS & TRANSFER SITES	UR 5114N 02441E	1
LENINGRAD RR STN YARDS AND SHOPS MOSKVA	UR 5954N 03022E	1
LENINGRAD RR STN YARDS & SHOPS FINLANDIY	UR 5957N 03021E	1
LENINGRAD RR STATION AND YARDS VARSHAVKIY	UR 5953N 03018E	1
LVOV RAILROAD YARDS EAST	UR 4951N 02402E	*
NOVA VILEYKA RR STATION YARDS & SHOPS	UR 5441N 02525E	1
BREST RR TRANSLOADING YARD TSENTRALNYY	UR 5206N 02341E	*
BREST RR TRANSLOADING YARD WEST	UR 5205N 02339E	*
BREST RR TRANSLOADING YARD MUKHAVETS	UR 5205N 02340E	*
TERNOPOL RR STATION YARDS AND SHOPS SOUTH	UR 4933N 02536E	*

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LENINGRAD RR CLF YARDS & SHOPS OKTYABR	UR	5952N	03025E	1
LENINGRAD RR CLF YARDS SHUSHARY	UR	5947N	03024E	1
LENINGRAD RR CLF YARDS SREDNE-ROGATSKAYA	UR	5949N	03017E	1
LVOV RR STATION YARDS & SHOPS MAIN	UR	4950N	02359E	*
MOSKVA RR STN CLF YDS AND SHOPS KUSKOVO	UR	5544N	03748E	1
MOSTISKA RAILROAD STATION & YARDS	UR	4949N	02308E	*
MINSK RR STATIONS YARDS & SHOPS	UR	5355N	02735E	*
ZHABINKA RAILROAD STATION AND YARDS	UR	5212N	02401E	*
VINNITSA RAILROAD STN RELAY YARDS & SHOPS	UR	4914N	02830E	1
KISHINEV RR STATION YARDS & SHOPS	UR	4700N	02851E	1
MOSKVA RR STN YARDS AND SHOPS LENINGRAD	UR	5547N	03738E	1
LENINGRAD HVY EQP PLT KR PUT KIROV 185	UR	5953N	03015E	1
CHELYABINSK TRACTOR PLANT	UR	5509N	06128E	1
IZHEVSK ARMS & MACHINE EQUIP PLANT 71 & 74	UR	5650N	05311E	1
VOTKINSK ARMS MACHINE AND STEEL PLT 235	UR	5703N	05359E	1
CHAPAYEVSK EXPLOS & MUN LDG CMB 309 & 15	UR	5258N	04943E	1
ULYANOVSK MOTOR VEHICLE PLANT	UR	5418N	04820E	1
VOLGOGRAD ORD & MUN & MACH TOOL PLT KR BA	UR	4846N	04434E	1
NIZHNIY TAGIL RR CAR MFG PLANT KAGAN 183	UR	5756N	06006E	*
GORKIY MOTOR VEHICLE PLANT MOLOTOV 1	UR	5615N	04354E	1
OMSK RR RPR AND TANK PLT VOROSHILOV 174	UR	5455N	07323E	1
KUTAIISI MOTOR VEHICLE PLANT	UR	4215N	04237E	1
LENINGRAD ARMS PLANT KR ZNAMYA FRUNZE 7	UR	5957N	03022E	*
VOLGOGRAD TRACTOR PLANT DZERZHINSKIY 264	UR	4848N	04437E	1
STALOWA WOLA STEEL PLANT	PO	5033N	02203E	*
LENINGRAD ARM & TANK PLT BOLSHEVIK 232	UR	5952N	03028E	1
CHI-CHI-HA-ERH ARMS & AMMO PLANT 127	CH	4719N	12358E	1
PAO-TOU ARTILLERY PLANT 447	CH	4041N	10953E	1
CHUNG-CHING 24TH ARSENAL	CH	2935N	10628E	*
CHUNG-CHING EXPLOSIVES PLANT NEW	CH	2943N	10630E	1
CHUNG-CHING ARMS & AMMUNITION PLANT 451	CH	2936N	10627E	*
CHUNG-CHING AMMO PLT 10TH ARSENAL	CH	2934N	10629E	*
RAVA-RUSSKAYA RR TRANSLOADING YARD	UR	5113N	02338E	*
CHERNYAKHOVSK TRANSLOADING YARD SW	UR	5437N	02146E	1
BRYANSK AMMO & AGRL MACH PLANT SELTSO 121	UR	5323N	03407E	1
PAO-CHI INDUSTRIAL INSTALLATION	CH	3418N	10715E	1
CHANG-SHOU HYDRO POWERPLANT SHIH-TZU-TAN	CH	2953N	10714E	1
CHENG-TU/KUN-MING RAIL LINE	CH	3040N	10404E	1
CHANG-SHOU HYDRO POWERPLANT HSIA-TUNG	CH	2949N	10707E	1
KUN-MING/CHENG-TU RAIL LINE	CH	2503N	10245E	1
ZAGORSK POSS RESEARCH & FABRICATION FAC	UR	5627N	03805E	1
KAMENSK-SHAKHTINSKIY CHEMICAL COMBINE 101	UR	4819N	04016E	1
CHEN-CHIANG TPP CHIEN-PI-CHEN	CH	3210N	11934E	1
HUA-TIEN RAIL LINE	CH	4256N	12641E	1
SHIH-TSUI-SHAN THERMAL POWERPLANT	CH	3857N	10648E	1
FU-LA-ERH-CHI HEAVY MACHINERY PLANT	CH	4711N	12337E	1
YAMAATA THERMAL POWERPLANT	CH	4337N	08144E	1
PERM PROBABLE STORAGE	UR	5753N	05618E	1
BONUS YANG-PING-KUAN POL STORAGE AREA	CH	3303N	10604E	1

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BONUS	WEI-SHUI-CHEN POL STORAGE AREA	CH 3803N 11409E 1
BONUS	KUN-MING RAIL CONSTRUCTION	CH 2500N 10247E 1
BONUS	HA-ERH-PIN RAIL YARD	CH 4545N 12642E 1
BONUS	HO-SHIH POL STORAGE	CH 4252N 08623E 1
BONUS	TAN-TUNG POL STORAGE	CH 4011N 12420E 1
BONUS	UIJU STORAGE AREA	KN 4010N 12440E 1
BONUS	YING-O-CHENG STORAGE AREA	CH 4210N 12508E 1
BONUS	CHING-YUAN STORAGE AREA	CH 4205N 12454E 1
BONUS	RADOMYSHL STORAGE AREA	UR 5035N 02926E 1
	NYANDOMA SENSITIVE OPERATIONS COMPLEX	UR 6139N 04015E 1
	SHESTOVO POSSIBLE MILL AND SMELTER	UR 6257N 04013E 1
	NEFTEKAMSK POSS CHEMICAL FERTILIZER PLANT	UR 5606N 05415E 1
	ZHUKOVKA SENSITIVE OPS CPLX OPS AREA	UR 5333N 03357E 1
	ZHUKOVKA SENSITIVE OPS CPLX SUP AREA	UR 5329N 03353E 1

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	CHADATEVKA HARDENED COMMAND FACILITY	UR 5307N 04602E 1
	CHEKHOV POSSIBLE COMMAND POST	UR 5509N 03716E 1

25X6

	MIKHAYLOVKA SENSITIVE OPERATIONS COMPLEX	UR 4849N 03217E 1
	BORISOGLEBSK SENSITIVE OPERATIONS COMPLEX	UR 5125N 04157E 1
	BEREZOVKA/KRASNOARMEYSKOYE SENS OP CMLX	UR 5111N 04600E 1
	CHEBSARA SENSITIVE OPERATIONS COMPLEX	UR 5906N 03837E 1
	RECHITSA SENSITIVE OPERATIONS COMPLEX	UR 5226N 03005E 1
	BELEV SENSITIVE OPERATIONS COMPLEX	UR 5332N 03630E 1

25X1B

NO COMOP

BONUS  
BONUS  
BONUS

## **Attachments**

25X2

Approved For Release 2002/02/27 : CIA-RDP99T01396R000100400001-8

Approved For Release 2002/02/27 : CIA-RDP99T01396R000100400001-8

Handle Via  
TALANT-KEYHOLE  
Control System Only

Approved For Release 2002/02/27 : CIA-RDP99T01396R000100400001-8

TOP SECRET CHESSE RUFF

KH-4 MISSION 1041, 10 23 MAY 1967

ATTACHMENT 2



MOSKVA/CHEREPOVETS/TALL KINC AN RADAR FACILITY

25X1A

Approved For Release 2002/02/27 : CIA-RDP99T01396R000100400001-8

TOP SECRET CHESSE RUFF

Handle Via  
TALANT-KEYHOLE  
Control System Only



Handle Via  
TALENT-KEYHOLE  
Control System Only

Approved For Release 2002/02/27 : CIA-RDP99T01396R000100400001-8

TOP SECRET CHESSE RUFF

KH-4 MISSION 1041, 10-23 MAY 1967

ATTACHMENT 3



HF COMMUNICATIONS FACILITY, KURGANYUBE, USSR

25X1A

Approved For Release 2002/02/27 : CIA-RDP99T01396R000100400001-8

TOP SECRET CHESSE RUFF

Handle Via  
TALENT-KEYHOLE  
Control System Only

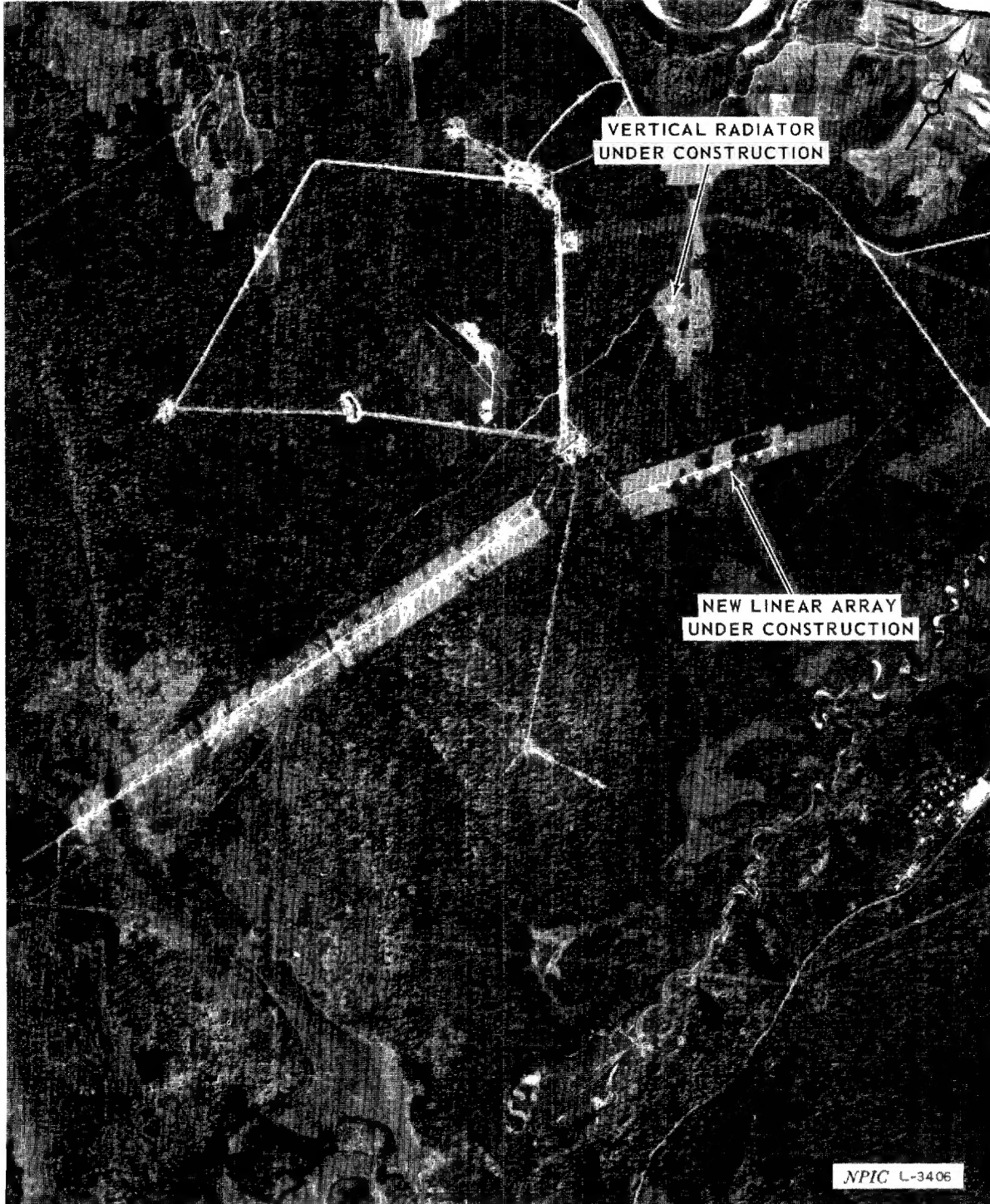
Handle Via  
Talent-Keyhole  
Control System Only

Approved For Release 2002/02/27 : CIA-RDP99T01396R000100400001-8

KH-4 MISSION 1041, 10-23 MAY 1967

TCS-80340/67

ATTACHMENT 4



IIF LINEAR ARRAY FACILITY, ANGARSK, USSR

25X1A

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TOP SECRET CHESS RUFF

Handle Via  
Talent-Keyhole  
Control System Only

Handle Via  
TALENT-KEYHOLE  
Control System Only

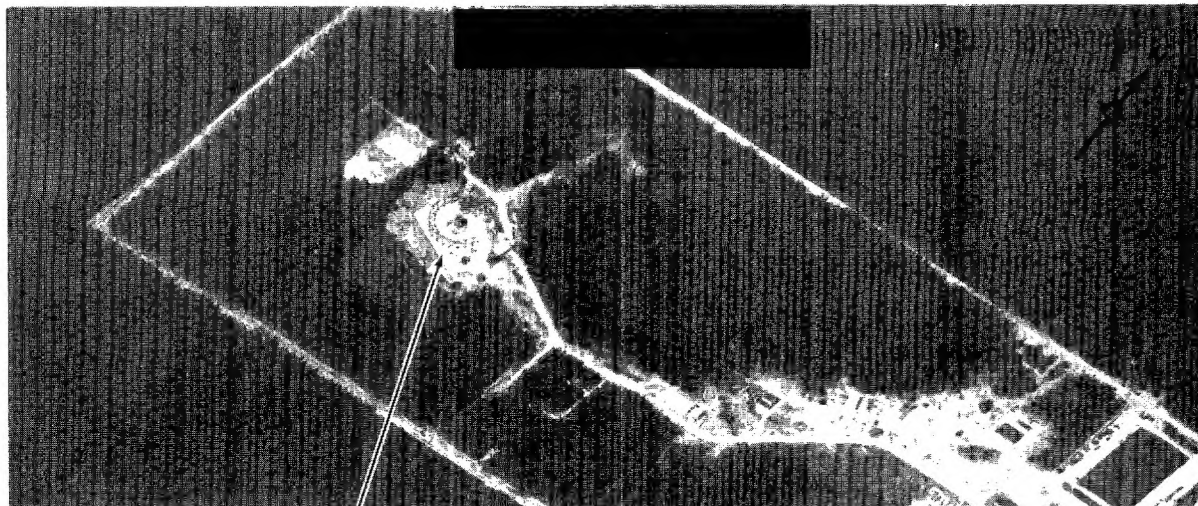
TOP SECRET CHESS RUFF  
Approved For Release 2002/02/27 : CIA-RDP99-01396R000100400001-8

TCS-80340/67

KH-4 MISSION 1041, 10-23 MAY 1967

ATTACHMENT 5

25X1D



25X1D



POSSIBLE RESEARCH AND FABRICATION FACILITY, ZAGORSK, USSR (NO COMOR)

25X6

Approved For Release 2002/02/27 : CIA-RDP99T01396R000100400001-8

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Approved For Release 2002/03/27 : CIA-RDP99T01396R000100400001-8

**TOP SECRET**

Approved For Release 2002/02/27 : CIA-RDP99T01396R000100400001-8

**TOP SECRET**